

Title (en)
DOOR CLOSER WITH A HYDRAULIC STOP DEVICE

Publication
EP 0328912 B1 19921014 (DE)

Application
EP 89101324 A 19890126

Priority
DE 8801894 U 19880213

Abstract (en)
[origin: EP0328912A1] In a door closer with a hydraulic stop device for the at least partially opened door, in which a rear cylinder space (7) located on this side of a spring-loaded piston (1) displaceable as a result of the rotation of the door is connected hydraulically to a front cylinder space (6) via a flow channel (37) integral with the housing, and in this flow channel are located a throttle valve (23) and, between this and the rear cylinder space, an overflow valve (34) with a spring-loaded closing member (52, 56), through which the flow can pass from the rear cylinder space to the front one and the inflow side (36) of which is exposed by the piston (1) from a predetermined opening angle of the door, especially from approximately 80 DEG to 90 DEG , in order to make it possible to adjust the holding moment according to the door weight or to the adjustable closing moment, the overflow valve (34) has a valve housing (72) adjustable in the door-closer housing, especially in the cylinder bottom (44), in the direction of displacement of the valve-closing member (52, 56) and lockable. <IMAGE>

IPC 1-7
E05F 3/10; **E05F 3/12**; **E05F 3/22**

IPC 8 full level
E05F 3/10 (2006.01); **E05F 3/12** (2006.01); **E05F 3/22** (2006.01)

CPC (source: EP)
E05F 3/223 (2013.01); **E05F 3/226** (2013.01); **E05Y 2900/132** (2013.01)

Cited by
US10370885B1; US11105135B2; US11105134B2; WO9906659A1; US6412224B1

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